

## Teknor Apex Sinvicomp SIH 5005 Polyvinyl Chloride, Flexible

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade , PVC, Wire and Cable Grade

**Material Notes:**

Availability: Asia Pacific Features: High Heat Resistance; Good Stiffness Uses: Electronic Insulation; Wire and Cable Applications Wire

Types: Class 1/1; Type 4; Type 5 Agency Ratings: BS 6746; UL 1581; JIS 6723 Forms: Pellets Processing Method: Extrusion Information

Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Sinvicomp-SIH-5005-Polyvinyl-Chloride-Flexible.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Sinvicomp-SIH-5005-Polyvinyl-Chloride-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	93	93	ASTM D2240
Tensile Strength, Yield	17.62 MPa	2556 psi	Change in tensile strength after 240 hours at 275°F; ASTM D638
	19.6 MPa	2840 psi	9.8 in/min; ASTM D638
Elongation at Break	212.5 %	212.5 %	Change after 240 hours at 275°F; ASTM D638
	250 %	250 %	9.8 in/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	190 °C @Time >=7200 sec	374 °F @Time >=2.00 hour	Congo Red; BS 2782

### Contact Songhan Plastic Technology Co.,Ltd.

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